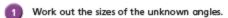
## Calculating angles around a point



a)



c)

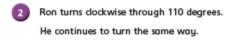


b)



d)





He wants to turn to where he was facing at the start.

How many more degrees does he need to turn through?



250

## Work out the size of the unknown angles.

a)



:)



b)



d)



## Work out the sizes of the unknown angles.

a)



b)







My protractor only goes up to 180 degrees.

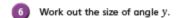
> That's true. But I think we can still use it.

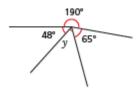


- a) Explain why Alex is correct.
- b) Draw an angle of 250 degrees.



Compare methods with a partner.





Work out the sizes of the unknown angles.



Give reasons to support your answers.

a)



b = 120° • because <u>angles around</u>

9 ppint sum to 360° and 360÷3=120

b)



c = 43 ° because angles count a part

ium to 360° 360-231-129 and 129+3=63

A circle is divided into ten equal sections.



What is the size of the angle marked g?

